

State Proficiency

Performance Summary

State: INDIANA

Grade: 4

Purpose

This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	4319 Students Pass + in E/la and Math 6%	8260 Students Pass in E/la and Pass + in Math 11%	104 Students Did Not Pass in E/la and Pass + in Math 0%	54 Students Undetermined in E/la and Pass + in Math 0%	12737 Students Pass + in Math 16%
Mathematics Pass	2471 Students Pass + in E/la and Pass in Math 3%	36039 Students Pass in E/la and Math 46%	6793 Students Did Not Pass in E/la and Pass in Math 9%	101 Students Undetermined in E/la and Pass in Math 0%	45404 Students Pass in Math 59%
Mathematics Did Not Pass	11 Students Pass + in E/la and Did Not Pass in Math 0%	6034 Students Pass in E/la and Did Not Pass in Math 8%	12978 Students Did Not Pass in E/la and Math 17%	160 Students Undetermined in E/la and Did Not Pass in Math 0%	19183 Students Did Not Pass in Math 25%
Mathematics Undetermined	3 Students Pass + in E/la and Undetermined in Math 0%	45 Students Pass in E/la and Undetermined in Math 0%	69 Students Did Not Pass in E/la and Undetermined in Math 0%	111 Students Undetermined in E/la and Math 0%	228 Students Undetermined in Math 0%
English/ language arts TOTALS	6804 Students Pass + in E/la 9%	50378 Students Pass in E/la 65%	19944 Students Did Not Pass in E/la 26%	426 Students Undetermined in E/la 1%	Summary of Student Counts  Total Grade Count 77552 Students with Complete Tests 77009 Students with Undetermined Scores E/la Only 315 Math Only 117 Both 111

Summary of Scores	E/la	Math	English/language arts			Mathematics		
			Pass+	Pass	Did Not Pass	Pass+	Pass	Did Not Pass
Mean Scale Score	460.3	451.7	MSS: 556.8	MSS: 475.7	MSS: 388.5	MSS: 542.5	MSS: 460.6	MSS: 370.3
Pass Cut Score	429	415	SD: 24.1	SD: 27.5	SD: 38.5	SD: 31.2	SD: 26.2	SD: 46.1
Pass+ Cut Score	532	510	L/H Obt: 532-700	L/H Obt: 429-531	L/H Obt: 110-428	L/H/Obt: 510-670	L/H/Obt: 415-509	L/H/Obt: 140-414
Standard Deviation	56.9	64.3	L/H Range: 532-700	L/H Range: 429-531	L/H Range: 110-428	L/H Range: 510-670	L/H Range: 415-509	L/H Range: 140-414
Lowest/Highest Scale Score Obtained	110-700	140-670	6804 Students	50378 Students	19944 Students	12737 Students	45404 Students	19183 Students
Lowest/Highest Scale Score Possible	110-700	140-670	Pass+	Pass	Did Not Pass	Pass+	Pass	Did Not Pass

MSS: Mean Scale Score

SD: Standard Deviation

L/H Obt: Lowest/Highest Scale Score Obtained

L/H Range: Lowest/Highest Scale Score Range of Proficiency Level

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.

